ABSTRACT

A tool for driving and setting nail-pin anchors and anchor bolts into concrete, the tool using the percussive action of a rotary hammer drill. The tool comprises a body member with a spring, a driver, and a ram inserted into the body member's bore. After a hole is drilled for insertion of the anchor, the masonry drill bit of the rotary hammer drill is slid inside the bore of the ram and temporarily locked to the tool. The rotary hammer drill is activated, and the drill bit turns inside the ram without affecting the body member or the anchor. Instead, the percussive force of the rotary hammer drill transfers its impact to the ram and the driver, which impacts the nail of the nail-pin anchor, or the stem of the anchor bolt, setting it into the concrete. A keyed bearing can be installed inside a sleeve of the ram in order to protect the tip of the masonry drill bit from shearing.

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